



HP Chromebook 13 G1

Maintenance and Service Guide

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First Edition: April 2016

Document Part Number: 854554-001

Safety warning notice

 **WARNING!** To reduce the possibility of heat-related injuries or of overheating the device, do not place the device directly on your lap or obstruct the device air vents. Use the device only on a hard, flat surface. Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or rugs or clothing, to block airflow. Also, do not allow the AC adapter to contact the skin or a soft surface, such as pillows or rugs or clothing, during operation. The device and the AC adapter comply with the user-accessible surface temperature limits defined by the International Standard for Safety of Information Technology Equipment (IEC 60950-1).

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1 Product description

Category	Description
Product Name	HP Chromebook 13 G1
Processor	Intel® Pentium® 4405Y 1.5-GHz/1866/4 MB, Dual Core (DC)
	Intel Core® M3-6Y30 0.9-GHz (SC turbo up to 2.2-GHz/1866/4 MB) DC
	Intel Core M5-6Y57 Vpro 1.1-GHz (turbo up to 2.80-GHz/1866/4 MB) DC
	Intel Core M7-6Y75 Vpro 1.2-GHz (turbo up to 3.10-GHz/1866/4 MB) DC
Chipset	Integrated soldered-on-circuit (SoC) platform controller hub (PCH)
Graphics	Internal Graphics: Intel HD Graphics Supports HD decode, DX11, and HDMI
Panel	13.3-inch, full high-definition (FHD), AntiGlare, (1920×1080), UWVA, light-emitting diode (LED), ultraslim-flat (2.6-mm); 16:9 aspect ratio; typical brightness: 300 nits, eDP, non-touch only. 13.3-inch, quarter high-definition (QHD+), AntiGlare, (3200×1800), SVA, white light-emitting diode (WLED), ultraslim-flat (2.6-mm); 16:9 aspect ratio; typical brightness: 300 nits, eDP, non-touch only. Supports low-voltage differential signaling (LVDS)
Memory	Supports Single/Dual Channel, LPDDR3-1866-MHZ on-board system memory Supports up to 16-GB maximum on-board system memory: • 4096MB (128MBx32x2 x4pcs) • 8192MB (256MBx16x4 x4pcs) • 16384MB (128MBx32x4 x4pcs)
Storage	Supports 32-GB embedded Multimedia Controller (eMMC)
Audio and video	Fixed (no tilt) integrated HP TrueVision HD camera 1280×720 by 30 frames per second with LED Dual microphones with appropriate echo-cancellation, noise-suppression software Dual speakers Audio by B&O Play
Sensors	Trusted platform module (TPM) 1.2
Wireless	Integrated wireless local area network (WLAN) options by way of wireless module Two built-in WLAN antennas

Category	Description
	Supports the Intel Dual Band Wireless-AC 7265 802.11 ac 2X2 WiFi + Bluetooth® 4.2 WLAN module
Ports	• Two USB 3.1 Type-C ports (both enable power delivery) • Headphone/microphone combo jack • USB 3.0 port (1 on left side) • USB 2.0/3.0 allocation; 3 for unit/ports, 1 for Camera
Keyboard/pointing devices	Full-sized, textured, island-style, Google® backlit keyboard TouchPad: Multitouch gestures enabled Taps enabled as default
Power requirements	Supports a 3-cell, 45-WHr, 3.25-WHr, polymer battery Supports a 45 W nPFC Type-C Straight Type AC adapter
Operating system	Preinstalled: Google Chrome OS® operating system
Serviceability	End user replaceable parts: AC adapter

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